RES'S FET IF TO 17 DEC 2004



INTERNATIONAL SEARCH REPORT

International application No. PCT/SE 03/01045

	PCT/SE 03/01045						
A. CLASS	SIFICATION OF SUBJECT MATTER						
	07C 253/00, C07C 255/57, C07C 255	5/52, C07C 233/67, C07C 23	3/65,				
According to	207D 309/38 o International Patent Classification (IPC) or to both m	ational classification and IPC	<u> </u>				
B. FIELD	SSEARCHED						
Minimum di	ocumentation searched (classification system followed by	y Classification symbols)					
IPC7: C							
	ion searched other than minimum documentation to the	e extent that such documents are included i	n the fields searched				
	ata base consulted during the international search (name	ofdeta been and where presticable serve	h tarma ward\				
Licenonic di	see best commented during the intermediate sender (mark	To the second se	n terms usedy				
EPO-IN	TERNAL, WPI DATA, CHEM. ABS DATA,	PAJ					
C. DOCU	MENTS CONSIDERED TO BE RELEVANT						
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.				
A	J. Med. Chem., Vol 45, no. 18, 2 Albert et al: "Design, Synth Tachykinin Antagonists: Mode NK1/NK2 Receptor Antagonist page 3983; page 3973, Scheme 3981, nos. 18-20	1,3					
Α .	WO 0177069 A1 (ASTRAZENECA AB), (18.10.01), page 15, line 19	18 October 2001 9 - page 16, line 14	1,3				
A	WO 0059873 A1 (ASTRAZENECA AB), (12.10.00), page 13, line 19	1,3					
X Furth	er documents are listed in the continuation of Box	C. See patent family annex	.				
"A" docume	categories of cited documents: nt defining the general state of the art which is not considered particular relevance	"T" later document published after the int date and not in conflict with the appli the principle or theory underlying the	cation but cited to understand				
"E" earlier application or patent but published on or after the international filing date "X" document of particular relevance: the claimed invention cannot filing date "X" document of particular relevance: the claimed invention cannot be considered to involve an invention cannot be considered to involve an invention.							
cited to special	establish the publication date of another citation or other reason (as specified)	atep when the document is taken alone "Y" document of particular relevance: the	claimed invention cannot be				
means	nt referring to an oral disclosure, use, exhibition or other nt published prior to the international filing date but later than	considered to involve an inventive ste combined with one or more other such being obvious to a person skilled in th	documents, such combination				
the price	rity date claimed	"&" document member of the same patent	· ·				
Date of the	e actual completion of the international search	Date of mailing of the international t					
10 Octob	per 2003	.1.4 -10- 200	. .				
Name and	mailing address of the ISA/	Authorized officer					
	Patent Office S-102 42 STOCKHOLM	Gerd Strandell/EÖ					
	No. +46 8 666 02 86	Telephone No. + 46 8 782 25 00					
	A MID (second sheet) (July 1909)						

International application No.
PCT/SE 03/01045

	PCT/SE 03/0	J1045 ·
C (Continu	pation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	WO 0020003 A1 (ZENECA LIMITED), 13 April 2000 (13.04.00), page 21, line 29 - page 22, line 26	1,3
A	 WO 0020389 A1 (ZENECA LIMITED), 13 April 2000 (13.04.00), page 24, line 25 - page 25, line 23	1,3
A	WO 0212168 A1 (ASTRAZENECA AB), 14 February 2002 (14.02.02), page 16, line 20 - page 17, line 17	1,3
A	WO 0177089 A1 (ASTRAZENECA AB), 18 October 2001 (18.10.01), page 29, line 20 - page 30; page 32, line 11 - page 34, line 6	1,3
A	STN International, File CASREACT, Accession no. 44:10012, Richtzenhain, Hermann et al: "Substitution reactions with metalloorganic compounds. IV. The Grignardization of methoxyl-containing aromatic nitriles"; & Chem. Ber. (1949), 82, 408-17	3,7,8
A	 WO 8906645 A1 (ABBOTT LABORATORIES), 27 July 1989 (27.07.89), page 10; page 34, Example 52	10
A	US 2948724 A (MELVILLE SAHYUN ET AL), 9 August 1960 (09.08.60), column 1, line 60 - column 2, line 57; column 11, line 38 - line 55	4,6-8,10
A	Journal of the American Chemical Society, Vol. 97, no. 8, April 1975, W. Adcock et al: "Substituent Effects. XII.1 Substituent Effects by 19F NMR", page 2198 - page 2205	10

International application No. PCT/SE03/01045

Box i Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)							
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:							
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:							
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:							
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).							
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)							
This International Searching Authority found multiple inventions in this international application, as follows:							
see next sheet							
· ·							
·							
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.							
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.							
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:							
·							
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:							
1-8, 10							
Remark on Protest The additional search fees were accompanied by the applicant's protest.							
No protest accompanied the payment of additional search fees.							

Form PCT/ISA/210 (continuation of first sheet (1)) (July 1998)

International application No. PCT/SE03/01045

According to Article 34 (3) (a-c) and Rule 13.2. international application shall relate to one invention only or to a group of inventions linked by one or more of the same or corresponding "special technical features", i.e. features that define a contribution which each of the inventions makes over the prior art. In order to fulfil the requirements of unity of invention, it is necessary that the intermediate compounds are closely interconnected with the end products as well as with themselves. Such close connection requires that the essential structural part of the end product is incorporated by the intermediate. However, the present application lacks a single general inventive concept based on the above principle. This leads to the presence of the subjects listed below, each falling under its own restricted inventive concept.

- 1. Claims 1-8 and 10. Process for preparing compounds of formula (I), intermediates of formula (12) and preparation thereof, intermediates of formulae (20), (18) and (63).
- 2. Claim 9. Intermediate of formula (27).

Form PCT/ISA/210 (extra sheet) (July 1998)

International application No. PCT/SE 03/01045

	nt document search report		Publication date		Patent family member(s)	Publication date
WO	0177069	A1	18/10/01	AU	4499901 A	23/10/01
			•	EP	1278719 A	29/01/03
				GB	0009457 D	00/00/00
				US	2003158180 A	21/08/03
				GB	0009456 D	00/00/00
WO	0059873	A1	12/10/00	UA	3569200 A	23/10/00
				BG -	106074 A	31/05/02
				BR	0009582 A	26/12/01
				CA CN	2368240 A	12/10/00
				CZ	1345307 T 20013574 A	17/04/02 15/05/02
				EE	200100520 A	16/12/02
				ĒΡ	1169302 A	09/01/02
				GB	9907571 D	00/00/00
				HU	02007D7 A	29/06/02
				ΙĹ	145645 D	00/00/00
				JP	2002541137 T	03/12/02
				NO	20014855 A	06/12/01
				PL SK	350568 A	16/12/02
				SK TR	13012001 A 200102875 T	04/04/02
				ÜS	6476077 B	00/00/00 05/11/02
				US	6586432 B	01/07/03
				US	2003092713 A	15/05/03
10	0020003	A1	13/04/00	AT	230598 T	15/01/03
				AU	4637899 Å	01/02/00
				AU	6111099 A	26/04/00
				BR	9912013 A	10/04/01
				BR	9914333 A	26/06/01
				CA	2336806 A	20/01/00
				CA CN	2344807 A	13/04/00
				CN	1309638 T 1322134 T	22/08/01
				DE	69904847 D	14/11/01
				EP	1097137 A	00/00/00 09/05/01
				ĒР	1119355 A,B	01/08/01
				SE	1119355 T3	,,
				GB	9821703 D	00/00/00
				GB	9914886 D	00/00/00
				GB	9922519 D	00/00/00
				IL Ti	140770 D	00/00/00
				IL JP	142048 D 2002520316 T	00/00/00
				JP	2002520316 T 2002526410 T	09/07/02
				NO	20010151 A	20/08/02 05/03/01
				NO	20011766 A	05/06/01
				ÜS	6365602 B	02/04/02
				ÜS	6500818 B	31/12/02
				WO	0002859 A	20/01/00
				ZA	200102658 A	01/07/02
				GB	9905238 D	00/00/00

Form PCT/ISA/210 (patent family annex) (July 1998)

International application No. PCT/SE 03/01045

	ent document n search report		Publication date		Patent family member(s)	Publication date
WO	0020389	A1	13/04/00	AU	4637899 A	01/02/00
				AU	6111199 A	26/04/00
				BR	9912013 A	10/04/01
				BR	9915904 A	21/08/01
				CA	2336806 A	20/01/00
				CA	2345133 A	13/04/00
				CN	1309638 T	22/08/01
•				CN	1322196 T	14/11/01
			•	EP	1097137 A	09/05/01
				ĒP	1119551 A	01/08/01
				GB	9821699 D	00/00/00
				GB	9914886 D	00/00/00
				GB	9922521 D	00/00/00
				ĪĹ	140770 D	00/00/00
				ĪĹ	142045 D	00/00/00
				JP	2002520316 T	09/07/02
				ĴΡ	2002526527 T	20/08/02
				NO	20010151 A	05/03/01
				NO	20011765 A	07/06/01
				ÜS	6365602 B	02/04/02
				WO	0002859 A	20/01/00
				ZA	200102651 A	01/07/02
				GB	9906278 D	00/00/00
				GB	9909839 D	00/00/00
MO	0212168	A1	14/02/02	UA	8456801 A	18/02/02
				BR	0112957 A	08/07/03
				CA	2415467 A	14/02/02
				EP	1307425 A	07/05/03
				GB	0019008 D	00/00/00
				NO	200305D9 A	24/03/03
WD	0177089	A1	18/10/01	AU	4699901 A	23/10/01
				EP	1276729 A	22/01/03
				GB	0008728 D	00/00/00
				GB	0008727 D	00/00/00

Form PCT/ISA/210 (patent family annex) (July 1998)

International application No. PCT/SE 03/01045

	nt document n search report		Publication date	P	atent family member(s)	Publication date
WO	8906645	A1	27/07/89	CA	1337425 A,C	24/10/95
				DE	68909253 D,T	24/02/94
				EP	0325963 A,B	02/08/89
				SE	0325963 T3	
	•			EP	0395734 A	07/11/90
				ES	2059570 T	16/11/94
				JP	2693843 B	24/12/97
				JP	4500356 T	23/01/92
				MX	9203464 A	01/09/92
				US	5086074 A	04/02/92
				US	5128362 A	07/07/92
				US	5140040 A	18/08/92
US	2948724	A	09/08/60	NONE		

Form PCT/ISA/210 (patent family annex) (July 1998)